

F I G. 1

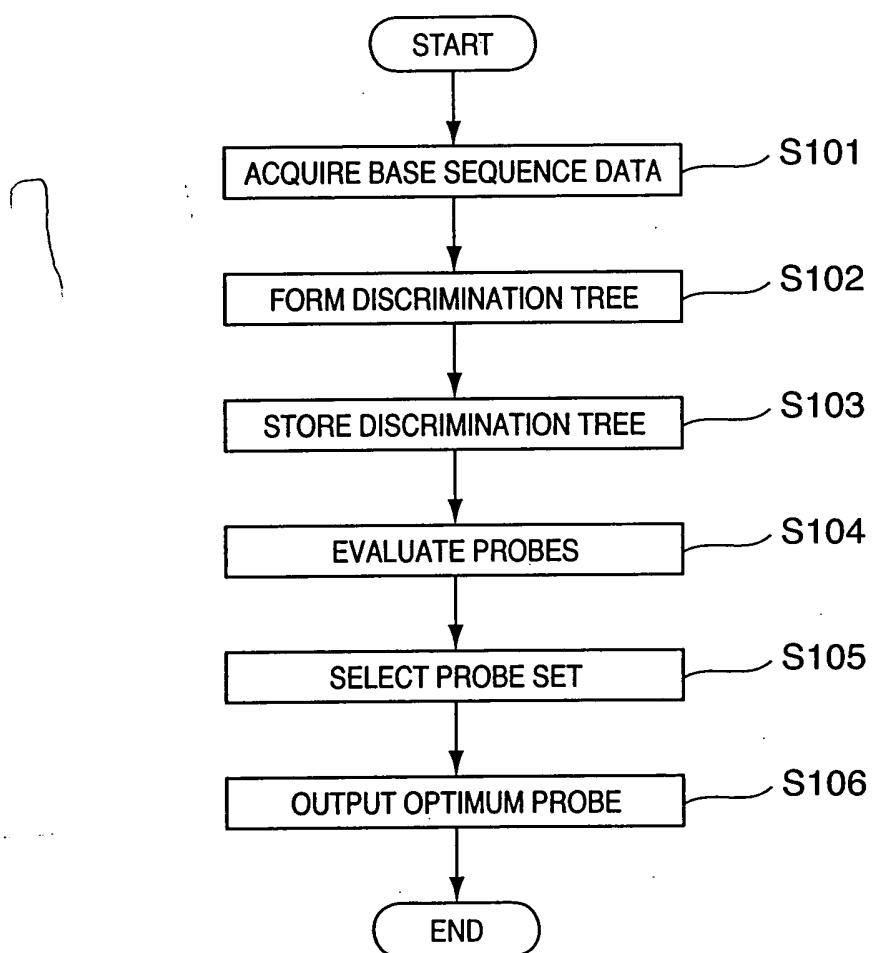


FIG. 2

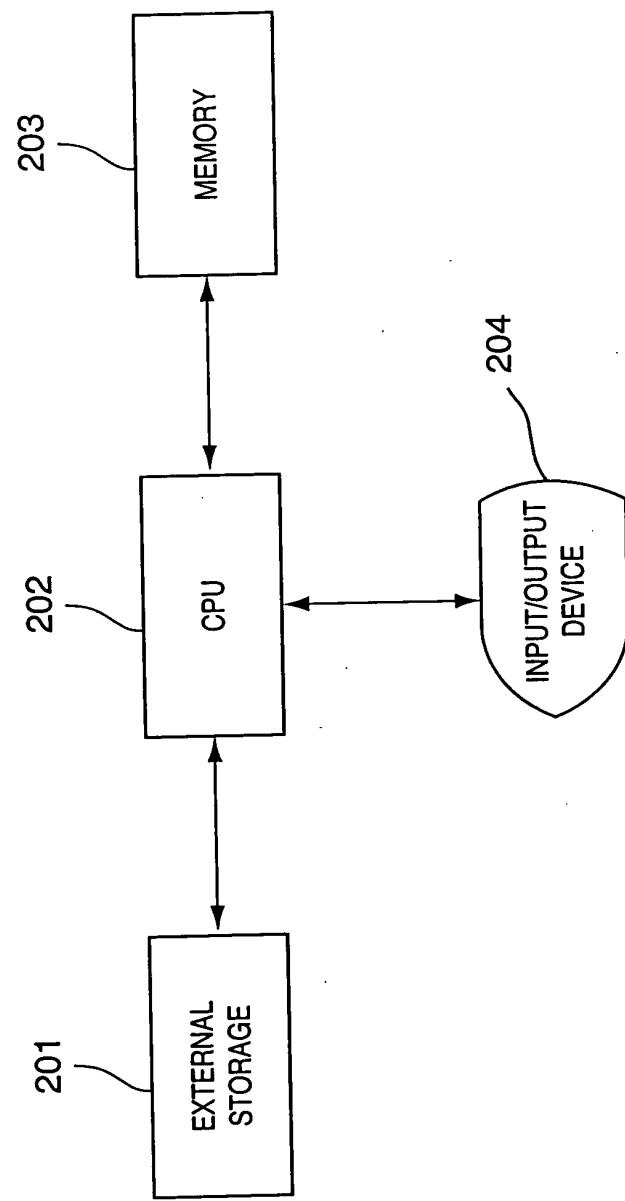


FIG. 3

DRB1*0101	GAGCGGGTGC GGTTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
DRB1*04011	GAGCGGGTGC GGTTCCCTGGA CAGATACTTC TATCACCAAG AGGAGTACGT
DRB1*07011	GAGCGGGTGC AGTTCCCTGGA AAGACTCTTC TATAACCAGG AGGAGTTCGT
DRB1*15011	GAGCGGGTGC GGTTCCCTGGA CAGATACTTC TATAACCAGG AGGAGTCCGT
...	...

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FIG. 4

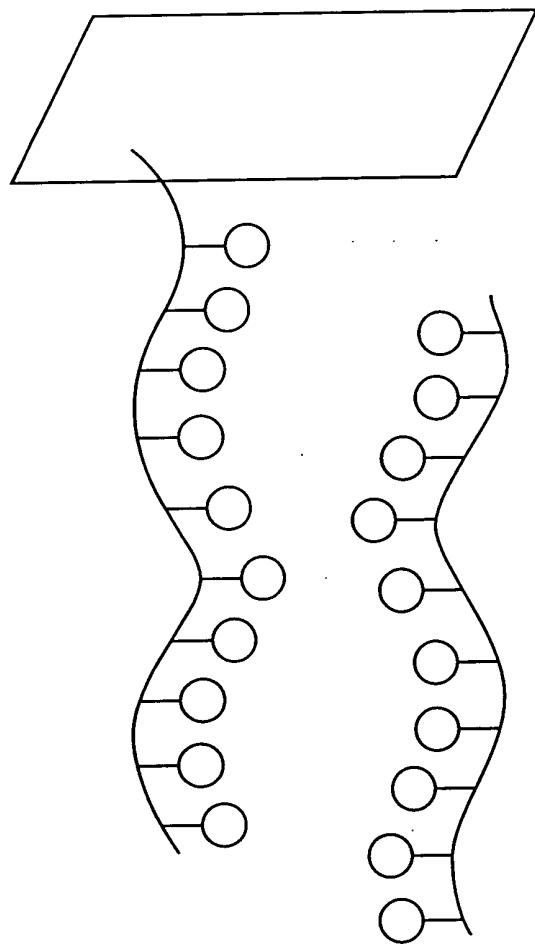
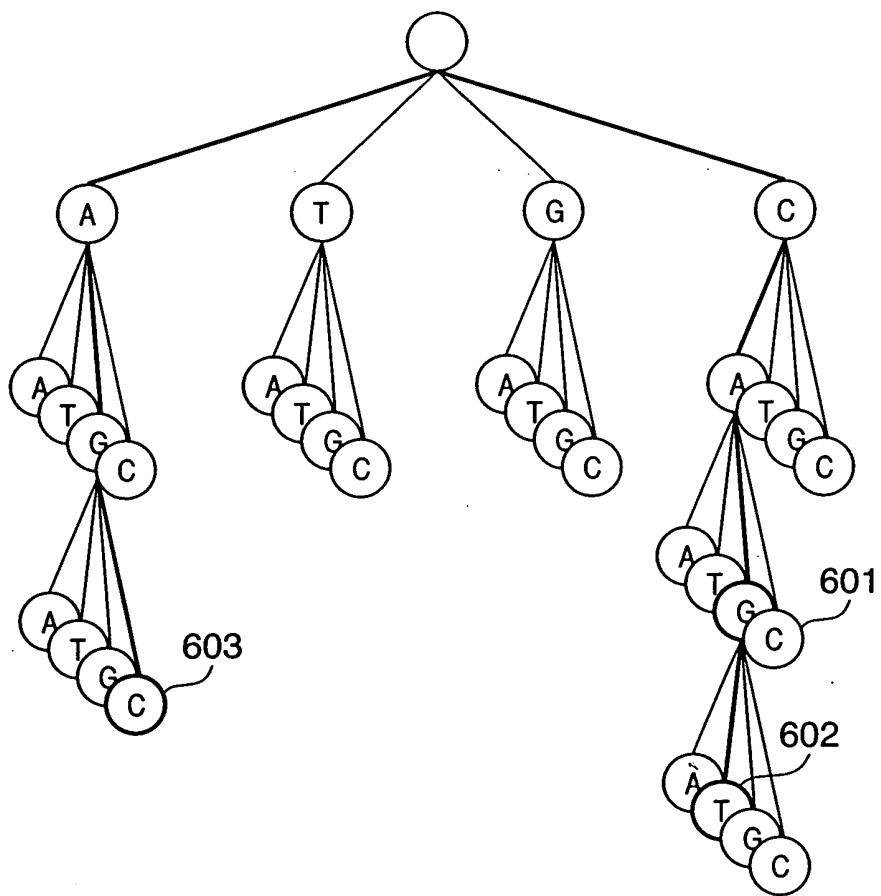


FIG. 5

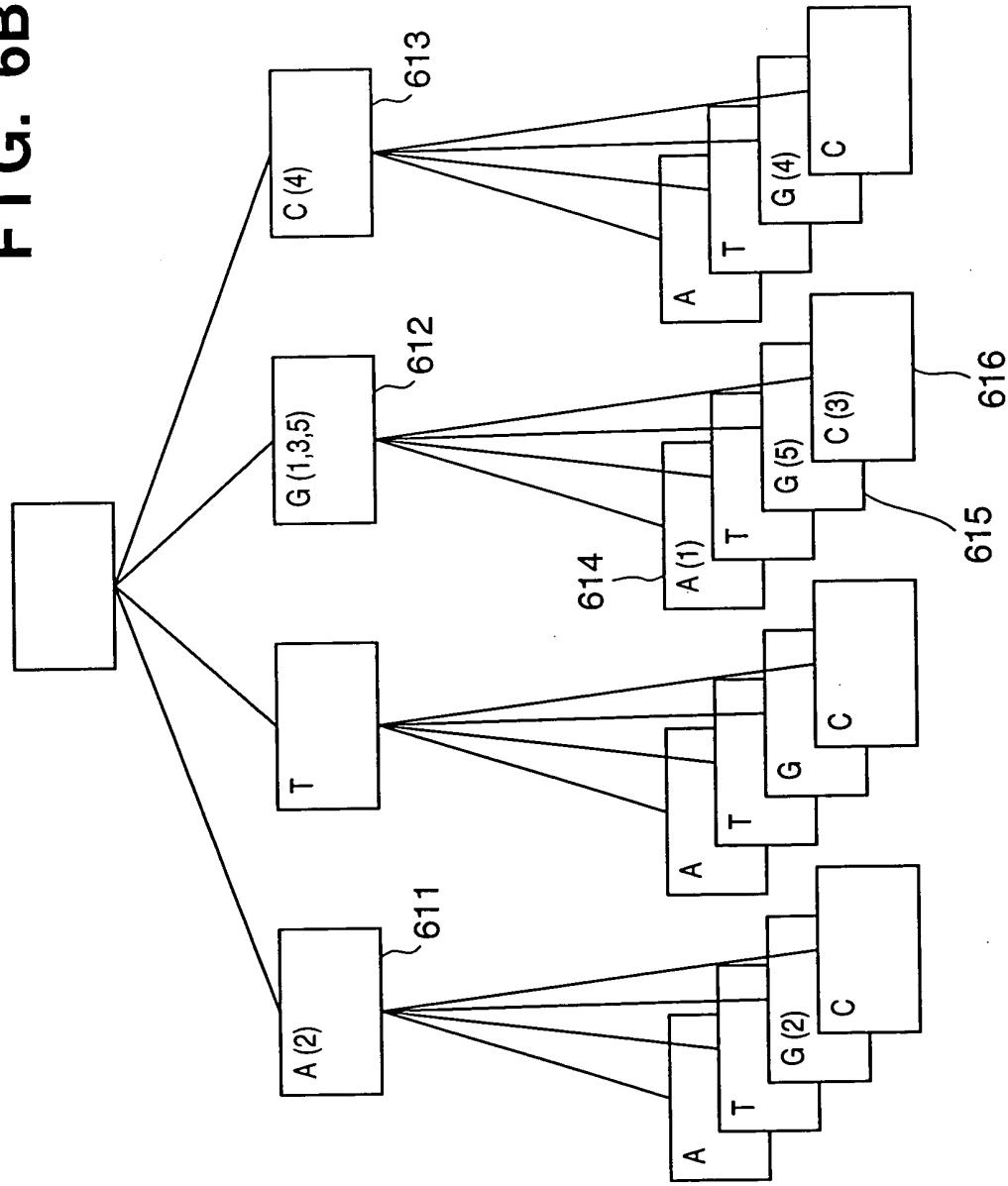
1	GAGGGGTGC CGTTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
2	ACGGGGTGC CGTTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
3	CGGGGTGC CGTTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
4	CGGGGTGC CGTTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
5	GGGTGC CGTTGCTGGA AAGATGCATC TATAACCAAG AGGAGTCCGT
:	

FIG. 6A



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FIG. 6B



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FIG. 7

PARTIAL SEQUENCE CAG REGISTERED IN NODE

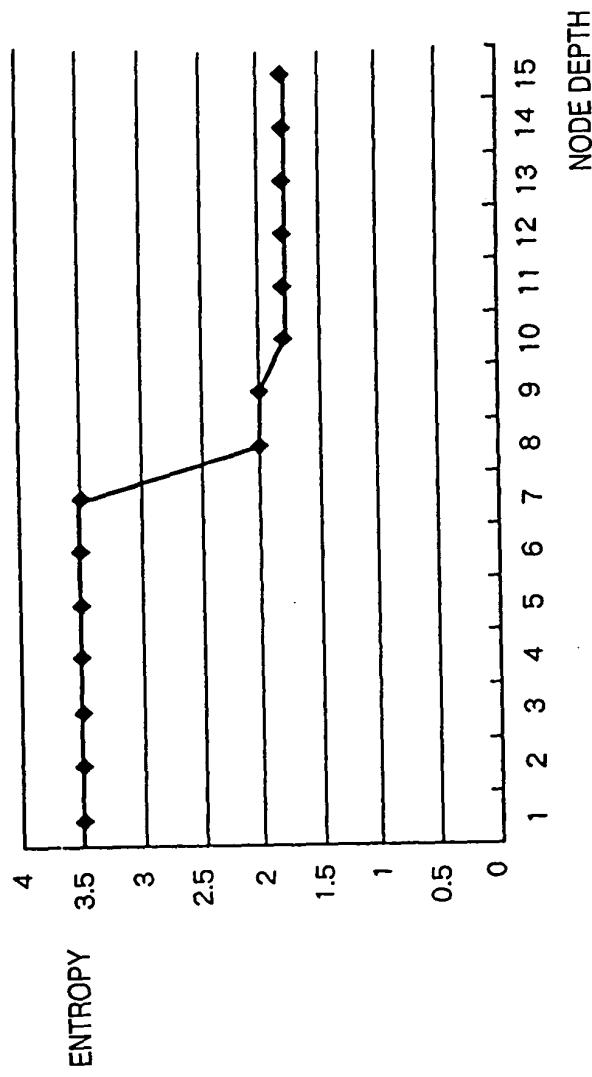
DRB1*0101	GAGCGGGTGC GGTGCTGGA AACATGCCATC TATAACCAAG AGGAGTCCGT	NULL
DRB1*04011	GAGCGGGTGC GTTCCTGGA CAG TACTTC TATCACCAAG AGGAGTACGT	21
DRB1*07011	GAGCGGGTGC A GTTCCCTGGA AAGACTCTTC TATAACC AGG AGGAGTTCGT	10, 37
DRB1*15011	GAGCGGGTGC GTTCCTGGA CAG TACTTC TATAACC AGG AGGAGTCCGT	21, 37

FIG. 8

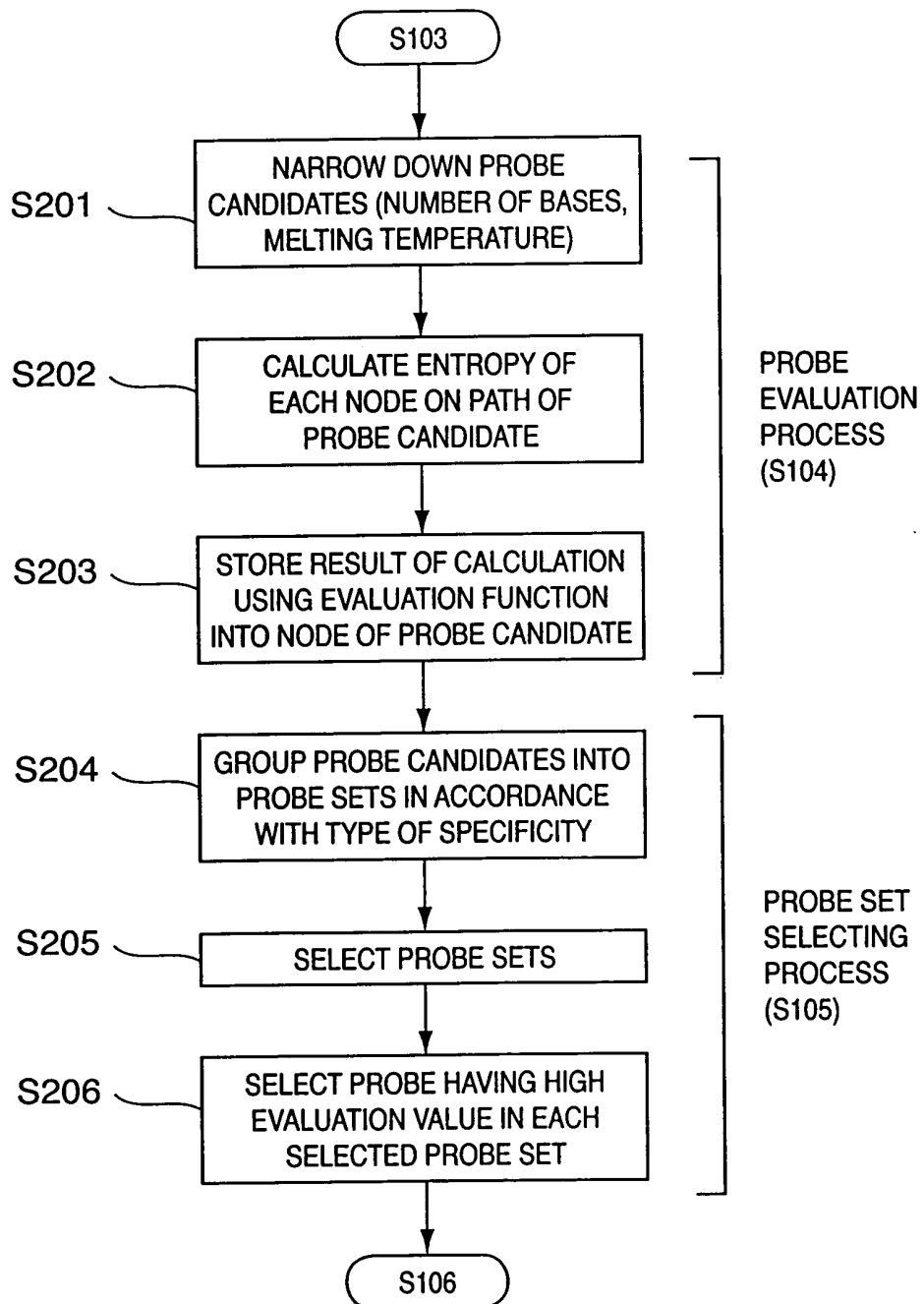
PARTIAL SEQUENCE CAGT REGISTERED IN NODE

DRB1*0101	GAGCGGGTGC GGTGCTGGA AAGATGCCATC TATAACCAAG AGGAGTCCGT	NULL
DRB1*04011	GAGCGGGTGC GGTGCTGGA CAGATACTTC TATCACCAAG AGGAGTACGT	NULL
DRB1*07011	GAGCGGGTGC <u>A</u> G <u>T</u> CCTGGA AAGACTCTTC TATAACCAGG AGGAGTTCGT	10
DRB1*15011	GAGCGGGTGC GGTGCTGGA CAGATACTTC TATAACCAGG AGGAGTCCGT	NULL

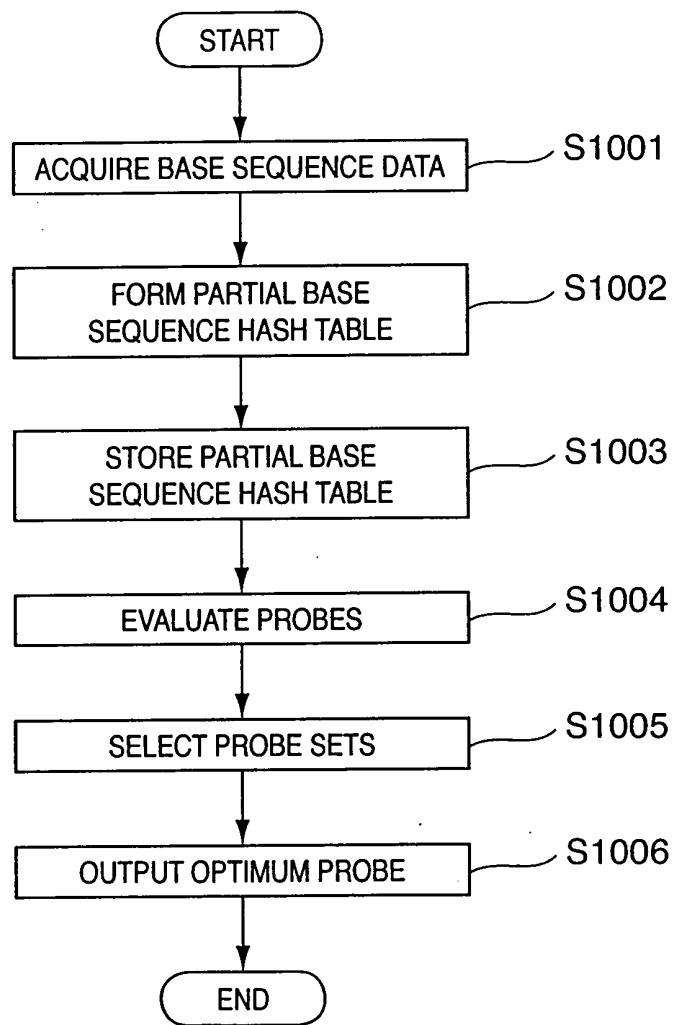
FIG. 9



F I G. 10



F I G. 11



DRB1*0101 DRB1*04011 DRB1*07011 DRB1*15011 SPECIFIC BASE POSITION

FIG. 12

DRB1*0101	GAGCCGGTGC	GGTTCCTGGA	AAGATGCATC	TATAACCAAG	AGGAGTCCGT	
DRB1*04011	GAGCCGGTGC	GGTTCCTGGA	CAGATACTTC	TATCACCAAG	AGGAGTACGT	
DRB1*07011	GAGCCGGTGC	AGTTCCCTGGA	AAGACTCTTC	TATAACCAGG	AGGAGTTCGT	
DRB1*15011	GAGCCGGTGC	GGTTCCTGGA	CAGATACTTC	TATAACCAGG	AGGAGTCCGT	
SPECIFIC BASE POSITION	- - - - -	- * - * - -	- * - * - -	- * - * - -	- * - * - -	- - - - -

FIG. 13

1302
1301

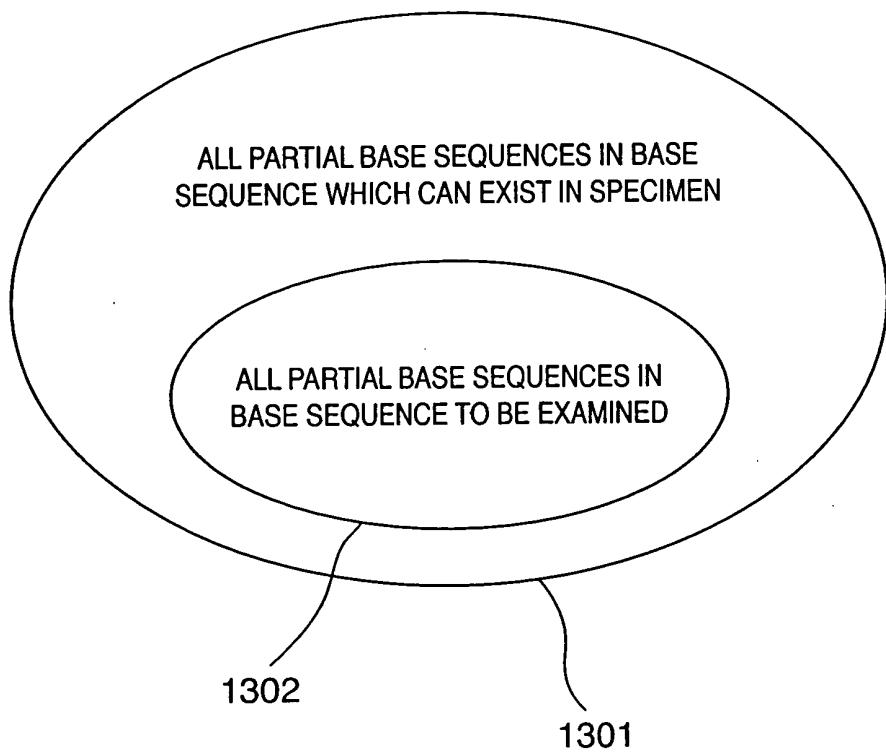
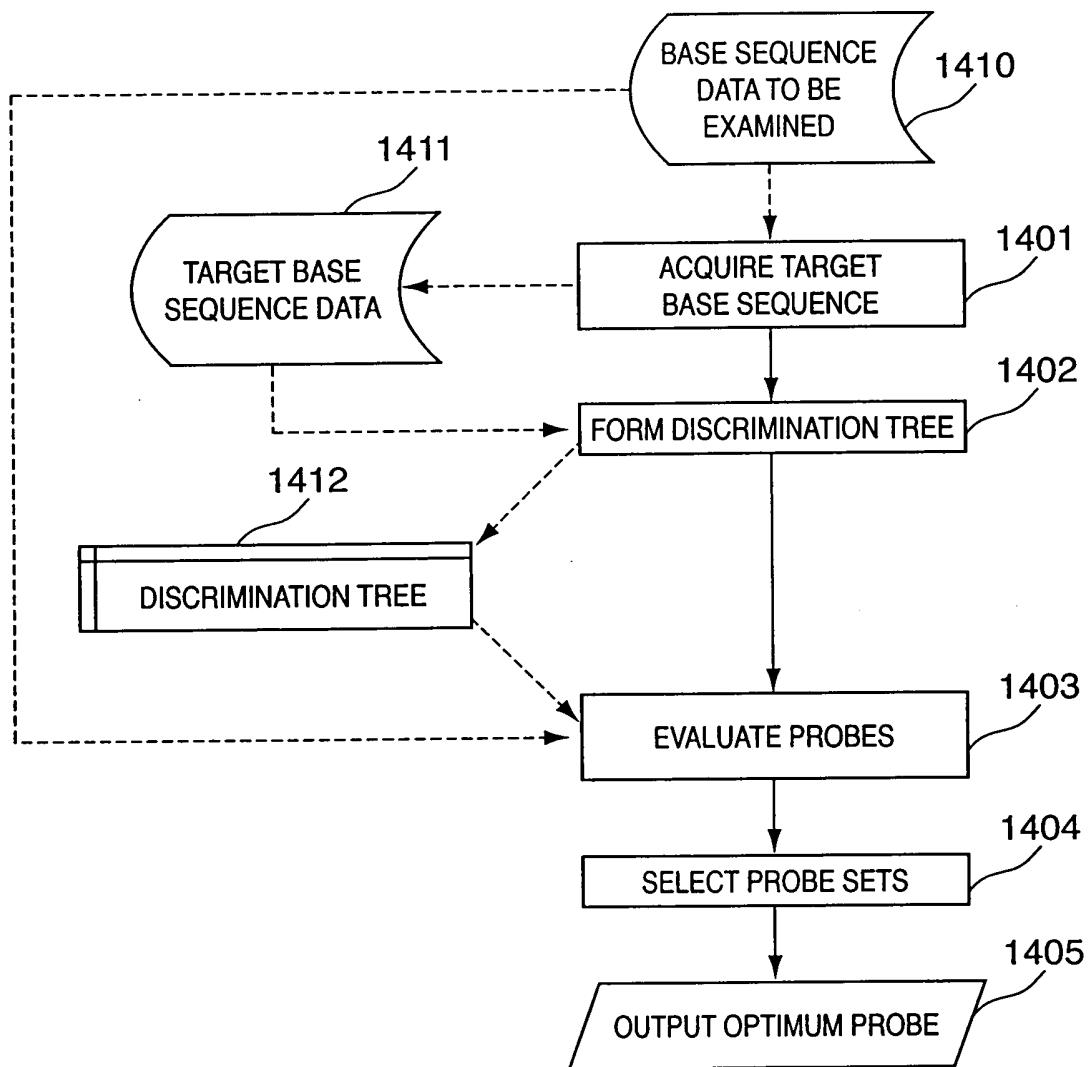
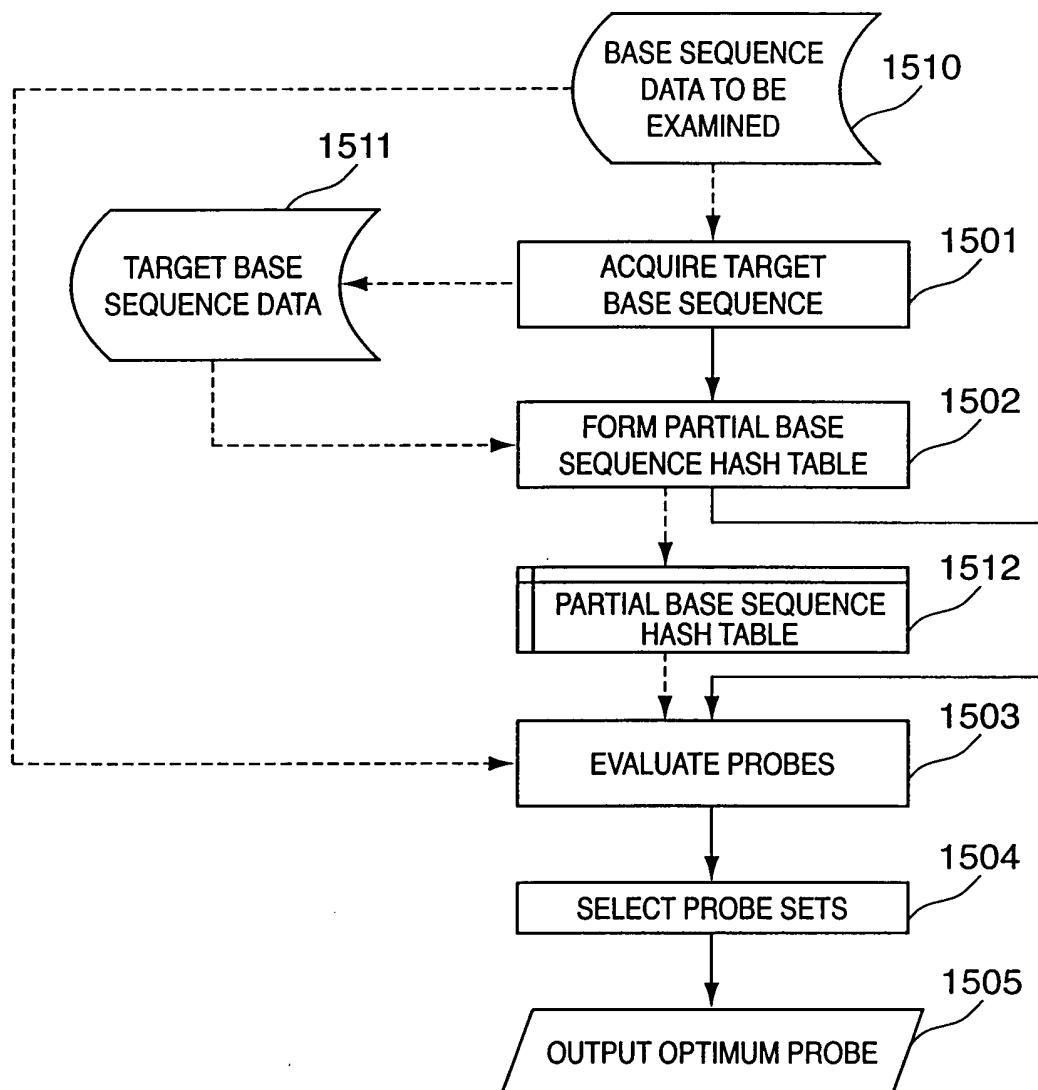


FIG. 14



F I G. 15



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